

FORM PTO-1449
(Substitute)

US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Attorney Docket Number
SHPR-01361USD

Serial No.
Division of 10/625,401

INFORMATION DISCLOSURE CITATION
BY APPLICANT

Applicant
Shek Fai Lau

Filing Date
September 15, 2003

Group Art Unit
Unknown

U.S. PATENTS

| Examiner Initial | | Patent Number | Issue Date | Name | Class | Subclass | Filing Date |
|------------------|-------|---------------|------------|-------------------|-------|----------|-------------|
| 6 | 1. | 1,791,338 A | 2/3/1931 | Wintermute | | | 4/12/1927 |
| | 2. | 1,869,335 A | 7/26/1932 | Day | | | 12/13/1926 |
| | 3. / | 2,327,588 A | 8/24/1943 | Bennett | | | 6/1/1940 |
| | 4. | 2,359,057 A | 9/26/1944 | Skinner | | | 2/28/1942 |
| | 5. / | 2,509,548 A | 5/30/1950 | White | | | 5/27/1948 |
| | 6. / | 2,949,550 A | 8/16/1960 | Brown | | | 7/3/1957 |
| | 7. | 3,018,394 A | 1/23/1962 | Brown | | | 7/3/1957 |
| | 8. | 3,026,964 A | 3/27/1962 | Penney | | | 5/6/1959 |
| | 9. | 3,518,462 A | 6/30/1970 | Brown | | | 8/21/1967 |
| | 10. | 3,581,470 A | 6/1/1971 | Aitkenhead et al. | | | 12/30/1969 |
| | 11. | 3,638,058 A | 1/25/1972 | Fritzus | | | 6/8/1970 |
| | 12. | 3,744,216 A | 7/10/1973 | Halloran | | | 8/7/1970 |
| | 13. / | 3,981,695 A | 9/21/1976 | Fuchs | | | 11/2/1973 |
| | 14. / | 3,984,215 A | 10/5/1976 | Zucker | | | 1/8/1975 |
| | 15. / | 4,052,177 A | 10/4/1977 | Kide | | | 3/1/1976 |
| | 16. | 4,092,134 A | 5/30/1978 | Kikuchi | | | 6/3/1976 |
| | 17. / | 4,138,233 A | 2/6/1979 | Masuda | | | 6/16/1977 |
| | 18. / | 4,209,306 A | 6/24/1980 | Feldman et al. | | | 11/13/1978 |
| | 19. / | 4,227,894 A | 10/14/1980 | Proynoff | | | 10/10/1978 |
| | 20. / | 4,231,766 A | 11/4/1980 | Spurgin | | | 12/11/1978 |
| | 21. / | 4,232,355 A | 11/4/1980 | Finger et al. | | | 1/8/1979 |
| | 22. | 4,244,710 A | 1/13/1981 | Burger | | | 5/9/1978 |
| | 23. / | 4,244,712 A | 1/13/1981 | Tongret | | | 3/5/1979 |
| | 24. | 4,253,852 A | 3/3/1981 | Adams | | | 11/8/1979 |
| | 25. / | 4,259,452 A | 3/31/1981 | Yukuta et al. | | | 5/15/1979 |
| | 26. / | 4,266,948 A | 5/12/1981 | Teague et al. | | | 1/4/1980 |
| | 27. / | 4,282,014 A | 8/4/1981 | Winkler et al. | | | 5/21/1979 |
| ✓ | 28. | 4,284,420 A | 8/18/1981 | Borysiak | | | 8/27/1979 |

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Unknown

| | | | | | |
|-------|-------------|------------|--------------------|--|------------|
| 29. | 4,318,718 A | 3/9/1982 | Utsumi et al. | | 7/14/1980 |
| 30. / | 4,342,571 A | 8/3/1982 | Hayashi | | 6/14/1978 |
| 31. | 4,357,150 A | 11/2/1982 | Masuda et al. | | 2/5/1981 |
| 32. / | 4,386,395 A | 5/31/1983 | Francis, Jr. | | 12/19/1980 |
| 33. / | 4,413,225 A | 11/1/1983 | Donig et al. | | 7/17/1981 |
| 34. / | 4,445,911 A | 5/1/1984 | Lind | | 12/15/1981 |
| 35. / | 4,477,263 A | 10/16/1984 | Shaver et al. | | 6/28/1982 |
| 36. / | 4,496,375 A | 11/29/1985 | Le Vantine | | 6/14/1983 |
| 37. / | 4,502,002 A | 2/26/1985 | Ando | | 9/2/1982 |
| 38. | 4,509,958 A | 4/9/1985 | Masuda et al. | | 10/8/1982 |
| 39. | 4,516,991 A | 5/14/1985 | Kawashima | | 4/25/1982 |
| 40. / | 4,536,698 A | 8/20/1985 | Shevalenko et al. | | 8/25/1983 |
| 41. / | 4,587,475 A | 5/6/1986 | Finney, Jr. et al. | | 7/25/1983 |
| 42. / | 4,600,411 A | 7/15/1986 | Santamaria | | 4/6/1984 |
| 43. / | 4,601,733 A | 7/22/1986 | Ordines et al. | | 9/27/1984 |
| 44. / | 4,626,261 A | 12/2/1986 | Jorgensen | | 12/12/1985 |
| 45. / | 4,643,745 A | 2/17/1987 | Sakakibara et al. | | 12/17/1984 |
| 46. / | 4,659,342 A | 4/21/1987 | Lind | | 4/30/1984 |
| 47. / | 4,674,003 A | 6/16/1987 | Zylka | | 4/3/1985 |
| 48. | 4,686,370 A | 8/11/1987 | Blach | | 2/13/1985 |
| 49. | 4,689,056 A | 8/25/1987 | Noguchi et al. | | 8/29/1986 |
| 50. / | 4,694,376 A | 9/15/1987 | Gessler | | 9/26/1985 |
| 51. / | 4,713,093 A | 12/15/1987 | Hansson | | 7/8/1986 |
| 52. / | 4,713,724 A | 12/15/1987 | Voelkel | | 6/30/1986 |
| 53. | 4,726,812 A | 2/23/1988 | Hirth | | 3/26/1987 |
| 54. | 4,726,814 A | 2/23/1988 | Weitman | | 6/27/1986 |
| 55. | 4,772,297 A | 9/20/1988 | Anzai | | 8/19/1986 |
| 56. / | 4,779,182 A | 10/18/1988 | Mickal et al. | | 6/24/1986 |
| 57. | 4,781,736 A | 11/1/1988 | Cheney et al. | | 11/20/1986 |
| 58. / | 4,786,844 A | 11/22/1988 | Farrell et al. | | 3/30/1987 |

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Group Art Unit
Unknown

| | | | | | |
|-------|--------------|------------|--------------------|--|------------|
| 59. / | 4,789,801 A | 12/6/1988 | Lee | | 4/3/1987 |
| 60. / | 4,808,200 A | 2/28/1989 | Dallhammer et al. | | 11/12/1987 |
| 61. / | 4,811,159 A | 3/7/1989 | Foster, Jr. | | 3/1/1988 |
| 62. / | 4,940,470 A | 7/10/1990 | Jaisinghani et al. | | 3/23/1988 |
| 63. / | 4,941,068 A | 7/10/1990 | Hofmann | | 8/1/1988 |
| 64. / | 5,010,869 A | 4/30/1991 | Lee | | 8/11/1989 |
| 65. / | 5,024,685 A | 6/18/1991 | Torok et al. | | 6/30/1988 |
| 66. / | Re. 33,927 | 5/19/1992 | Fuzimura | | 9/15/1989 |
| 67. / | 5,141,529 A | 8/25/1992 | Oakley et al. | | 6/28/1990 |
| 68. / | 5,183,480 A | 2/2/1993 | Rateman et al. | | 10/28/1991 |
| 69. / | 5,196,171 A | 3/23/1993 | Peltier | | 3/11/1991 |
| 70. / | 5,215,558 A | 6/1/1993 | Moon | | 6/11/1991 |
| 71. / | 5,217,504 A | 6/8/1993 | Johansson | | 3/20/1990 |
| 72. / | 5,296,019 A | 3/22/1994 | Oakley et al. | | 8/24/1992 |
| 73. / | 5,302,190 A | 4/12/1994 | Williams | | 6/8/1992 |
| 74. / | 5,315,838 A | 5/31/1994 | Thompson | | 8/16/1993 |
| 75. / | 5,316,741 A | 5/31/1994 | Sewell et al. | | 5/30/1991 |
| 76. / | 5,378,978 A | 1/3/1995 | Gallo et al. | | 4/2/1993 |
| 77. / | 5,437,713 A | 8/1/1995 | Chang | | 12/1/1994 |
| 78. / | 5,484,472 A | 1/16/1996 | Weinberg | | 2/6/1995 |
| 79. / | 5,484,472 C1 | 2/20/2001 | Weinberg | | 2/6/1995 |
| 80. / | 5,535,089 A | 7/9/1996 | Ford et al. | | 10/17/1994 |
| 81. / | 5,578,112 A | 11/26/1996 | Krause | | 6/1/1995 |
| 82. / | 5,601,636 A | 2/11/1997 | Glucksman | | 5/30/1995 |
| 83. / | 5,656,063 A | 8/12/1997 | Hsu | | 1/29/1996 |
| 84. / | 5,667,564 A | 9/16/1997 | Weinberg | | 8/14/1996 |
| 85. / | 5,669,963 A | 9/23/1997 | Horton et al. | | 12/26/1995 |
| 86. / | 5,698,164 A | 12/16/1997 | Kishioka et al. | | 3/30/1995 |
| 87. / | 5,702,507 A | 12/30/1997 | Wang | | 9/17/1996 |
| 88. / | 5,779,769 A | 7/14/1998 | Jiang | | 10/24/1995 |

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Group Art Unit
Unknown

| | | | | | |
|------|--------------|------------|---------------------|--|------------|
| 89. | 5,814,135 A | 9/29/1998 | Weinberg | | 9/15/1997 |
| 90. | 5,879,435 A | 3/9/1999 | Satyapal et al. | | 1/6/1997 |
| 91. | 5,893,977 A | 4/13/1999 | Pucci | | 5/12/1997 |
| 92. | 5,911,957 A | 6/15/1999 | Khatchatrian et al. | | 10/23/1997 |
| 93. | 5,972,076 A | 10/26/1999 | Nichols et al. | | 9/28/1998 |
| 94. | 5,975,090 A | 11/2/1999 | Taylor et al. | | 9/29/1988 |
| 95. | 5,997,619 A | 12/7/1999 | Knuth et al. | | 7/10/1998 |
| 96. | 6,019,815 A | 2/1/2000 | Satyapal et al. | | 9/11/1998 |
| 97. | 6,042,637 A | 3/28/2000 | Weinberg | | 9/28/1998 |
| 98. | 6,063,168 A | 5/16/2000 | Nichols et al. | | 8/11/1997 |
| 99. | 6,086,657 A | 7/11/2000 | Freije | | 2/16/1999 |
| 100. | 6,118,645 A | 9/12/2000 | Partridge | | 4/6/1995 |
| 101. | 6,126,722 A | 10/3/2000 | Mitchell et al. | | 7/28/1998 |
| 102. | 6,126,727 A | 10/3/2000 | Lo | | 1/28/1999 |
| 103. | 6,149,717 A | 11/21/2000 | Satyapal et al. | | 12/22/1998 |
| 104. | 6,149,815 A | 11/21/2000 | Sauter | | 11/23/1999 |
| 105. | 6,152,146 A | 11/28/2000 | Taylor et al. | | 6/25/1999 |
| 106. | 6,163,098 A | 12/19/2000 | Taylor et al. | | 1/14/1999 |
| 107. | 6,176,977 B1 | 1/23/2001 | Taylor et al. | | 11/5/1998 |
| 108. | 6,182,461 B1 | 2/6/2001 | Washburn et al. | | 7/16/1999 |
| 109. | 6,182,671 B1 | 6/6/2001 | Taylor et al. | | 10/8/1999 |
| 110. | 6,193,852 B1 | 2/27/2001 | Caracciolo et al. | | 5/28/1997 |
| 111. | 6,212,883 B1 | 4/10/2001 | Kang | | 3/3/2000 |
| 112. | 6,228,149 B1 | 5/8/2001 | Alenichev et al. | | 1/20/1999 |
| 113. | 6,252,012 B1 | 6/26/2001 | Egitto et al. | | 8/30/1999 |
| 114. | 6,270,733 B1 | 8/7/2001 | Rodden | | 2/17/2000 |
| 115. | 6,277,248 B1 | 8/21/2001 | Ishioka et al. | | 1/5/2000 |
| 116. | 6,282,106 B2 | 8/28/2001 | Grass | | 12/20/2000 |
| 117. | D449,097 S | 10/9/2001 | Smith et al. | | 5/1/2000 |
| 118. | 6,302,944 B1 | 10/16/2001 | Hoenig | | 4/18/2000 |

FORM PTO-1449
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US DEPARTMENT OF COMMERCE
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Group Art Unit
Unknown

| | | | | | | |
|---|--------|--------------|------------|-----------------------|--|------------|
| 6 | 119. / | D449,679 S | 10/23/2001 | Smith et al. | | 5/1/2000 |
| | 120. / | 6,309,514 B1 | 10/30/2001 | Conrad et al. | | 11/7/1994 |
| | 121. / | 6,312,507 B1 | 11/6/2001 | Taylor et al. | | 2/12/1999 |
| | 122. / | 6,315,821 B1 | 11/13/2001 | Pillion et al. | | 1/11/2001 |
| | 123. / | 6,328,791 B1 | 12/11/2001 | Pillion et al. | | 5/3/2000 |
| | 124. / | 6,348,103 B1 | 2/19/2002 | Ahlborn et al. | | 4/3/1999 |
| | 125. / | 6,350,417 B1 | 2/26/2002 | Lau et al. | | 5/4/2000 |
| | 126. / | 6,362,604 B1 | 3/26/2002 | Cravey | | 9/28/1999 |
| | 127. / | 6,372,097 B1 | 4/16/2002 | Chen | | 4/14/2000 |
| | 128. / | 6,373,723 B1 | 4/16/2002 | Wallgren et al. | | 6/18/1999 |
| | 129. / | 6,379,427 B1 | 4/30/2002 | Siess | | 12/6/1999 |
| | 130. / | 6,391,259 B1 | 5/21/2002 | Malkin et al. | | 6/26/1997 |
| | 131. / | 6,447,587 B1 | 9/10/2002 | Pillion et al. | | 12/6/2001 |
| | 132. / | 6,451,266 B1 | 9/17/2002 | Lau et al. | | 9/25/2000 |
| | 133. / | 6,464,754 B1 | 10/15/2002 | Ford | | 2/29/2000 |
| | 134. / | 6,471,753 B1 | 10/29/2002 | Ahn et al. | | 10/29/2002 |
| | 135. / | 6,504,308 B1 | 1/7/2003 | Krichtafovitch et al. | | 10/14/1999 |
| | 136. / | 6,544,485 B1 | 4/8/2003 | Taylor | | 1/29/2001 |
| | 137. / | 6,585,935 B1 | 7/1/2003 | Taylor et al. | | 11/20/1998 |
| | 138. / | 6,588,434 B1 | 7/8/2003 | Taylor et al. | | 7/2/2002 |
| | 139. / | | | | | |
| | 140. / | | | | | |

U.S. PATENT PUBLICATIONS

| Examiner Initial | Patent Application Publication Number | Publication Date | Applicant |
|------------------|---------------------------------------|------------------|----------------|
| 6 | 141. 2001/0004046 A1 | 6/21/2001 | Taylor et al. |
| | 142. 2001/0048906 A1 | 12/6/2001 | Lau et al. |
| | 143. 2002/0069760 A1 | 6/13/2002 | Pruette et al. |
| | 144. 2002/0079212 A1 | 6/27/2002 | Taylor et al. |
| | 145. 2002/0098131 A1 | 7/25/2002 | Taylor et al. |
| | 146. 2002/0100488 A1 | 8/1/2002 | Taylor et al. |

| | | | | |
|---|--|--|---------------------------|------------------------|
| FORM PTO-1449 (Substitute) | US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | Attorney Docket Number | Serial No. |
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| INFORMATION DISCLOSURE CITATION BY APPLICANT | | | Filing Date | Group Art Unit |
| | | | September 15, 2003 | Unknown |

| | | | |
|------|-----------------|------------|----------------------|
| 147. | 2002/0122751 A1 | 9/5/2002 | Sinaiko et al. |
| 148. | 2002/0122752 A1 | 9/5/2002 | Taylor et al. |
| 149. | 2002/0127156 A1 | 9/12/2002 | Taylor |
| 150. | 2002/0134664 A1 | 2/26/2002 | Taylor et al. |
| 151. | 2002/0134665 A1 | 9/26/2002 | Taylor et al. |
| 152. | 2002/0141914 A1 | 10/3/2002 | Taylor et al. |
| 153. | 2002/0144601 A1 | 10/10/2002 | Palestro et al. |
| 154. | 2002/0146356 A1 | 10/10/2002 | Sinaiko et al. |
| 155. | 2002/0150520 A1 | 10/17/2002 | Taylor et al. |
| 156. | 2002/0152890 A1 | 10/24/2002 | Leiser |
| 157. | 2002/0155041 A1 | 10/24/2002 | McKinney, Jr. et al. |
| 158. | 2002/0170435 A1 | 11/21/2002 | Joannou |
| 159. | 2003/0005824 A1 | 1/9/2003 | Katou et al. |
| 160. | | | |
| 161. | | | |

PENDING U.S. PATENT APPLICATIONS

| Examiner Initial | | Application Number | Filing Date | Inventor | Petition to Expunge | |
|------------------|------|--------------------|-------------|---------------|---------------------|----|
| | | | | | Yes | No |
| 6 | 162. | 09/669,253 | 9/25/2000 | Taylor et al. | | X |
| | 163. | 09/924,600 | 8/8/2001 | Taylor et al. | | X |
| | 164. | 10/074,096 | 2/12/2002 | Taylor et al. | | X |
| | 165. | 10/074,347 | 2/12/2002 | Taylor et al. | | X |
| | 166. | 10/074,379 | 2/12/2002 | Taylor et al. | | X |
| | 167. | 10/278,193 | 10/21/2002 | Reeves | | X |
| | 168. | 10/405,193 | 4/1/2003 | Taylor | | X |
| | 169. | | | | | |
| | 170. | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | | Document Number | Publication Date | Country | Translation | |
|------------------|------|-----------------|------------------|---------------|-------------|----|
| | | | | | Yes | No |
| 6 | 171. | EP 0433152 A1 | 12/10/1990 | Europe | | ✓ |
| | 172. | WO00/10713 A1 | 3/2/2000 | International | ✓ | |

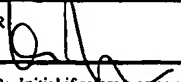
| | | | |
|--------------------------------------|--|--|--------------------------------------|
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**INFORMATION DISCLOSURE CITATION
BY APPLICANT**

| | | | | | |
|------|----------------|------------|---------------|---|---|
| 173. | WO 01/47803 A1 | 7/5/2001 | International | ✓ | |
| 174. | WO 01/48781 A1 | 7/5/2001 | International | ✓ | |
| 175. | WO01/64349 A1 | 9/7/2001 | International | ✓ | |
| 176. | WO01/85348 A2 | 11/15/2001 | International | ✓ | |
| 177. | WO02/20162 A2 | 3/14/2002 | International | ✓ | |
| 178. | WO02/20163 A2 | 3/14/2002 | International | ✓ | |
| 179. | WO02/30574 A1 | 4/18/2002 | International | ✓ | |
| 180. | WO02/32578 A1 | 4/25/2002 | International | ✓ | |
| 181. | WO02/42003 A1 | 5/30/2002 | International | ✓ | |
| 182. | WO02/066167 A1 | 8/29/2002 | International | ✓ | |
| 183. | FR 2690509 | 10/29/1993 | France | | ✓ |
| 184. | JP 10137007 | 5/26/1998 | Japan | | ✓ |
| 185. | JP 11104223 | 4/20/1999 | Japan | | ✓ |
| 186. | JP 2000236914 | 9/5/2000 | Japan | | ✓ |
| 187. | | | | | |
| 188. | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

| | |
|------|--|
| 189. | "Zenion Elf Device," drawing, prior art. |
| 190. | Electrical schematic and promotional material available from Zenion Industries, 7 pages, August 1990. |
| 191. | Promotional material available from Zenion Industries for the Plasma-Pure 100/200/300, 2 pages, August 1990. |
| 192. | Promotional material available from Zenion Industries for the Plasma-Tron, 2 pages, August 1990. |
| 193. | LENTEK Silā™ Plug-In Air Purifier/Deodorizer product box copyrighted 1999, 13 pages. |
| 194. | |
| 195. | |

| | |
|---|-----------------------------------|
| EXAMINER  | DATE CONSIDERED 6/26/07 |
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